

ABSTRACT

An autonomous zone forming method of
autonomously forming a zone which is a service area
5 of a base station in a wireless communication system
having the base station is provided. In the method,
it is detected that a zone is newly formed around
the base station, and a zone which is the service
area of the base station is autonomously changed
10 according to a newly formed zone. When determining
the zone, receive quality of a signal received from
a surrounding base station is used. In addition, a
congestion state of a surrounding base station of
the base station is detected, and a zone which is
15 the service area of the base station is enlarged to
the direction of the surrounding base station
according to the congestion state.